## REPORT OF CHANNEL CONDITIONS 400 FEET WIDE OR GREATER

(ER 1130-2-306)

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DATE May 16, 2008

TO: The Record FROM:

U.S. Army Corps of Engineers

26 Federal Plaza, ATTN: CENAN-OP-ST

New York, NY 10278-0090

**RIVER/HARBOR NAME AND STATE:** 

Fire Island Inlet Federal Channel, NY

MINIMUM DEPTHS IN CHANNEL ENTERING FROM SEAWARD

NAME OF CHANNEL	MAP FILE NO. SURVEY DATE	AUTHORIZED PROJECT			LEFT OUTSIDE	LEFT INSIDE	RIGHT INSIDE	RIGHT OUTSIDE
		WIDTH (feet)	LENGTH (nmiles)	<b>DEPTH</b> (feet)	QUARTER (feet)	QUARTER (feet)	QUARTER (feet)	QUARTER (feet)
Fire Island Inlet – Federal Navigation Channel: Commence approximately 450 feet landward of GREEN CAN BUOY # 1 and end approximately 625 feet seaward of RED BUOY # 9	Map 197 p 1 thru 2 of 2; 7, 8 & 14 April 2007	450	1.4	10	9.5	8.1	4.4	4.3

## **REMARKS:**

- All depths are in Mean Low Water (MLW).
- Coordinates Referencing Long Island Lambert System (NAD 1983)
- · Channel Length is in Nautical Miles.
  - Shoal: A critical shoal with a controlling depth of 4.3 feet in the right outside quarter commences (just pass the first bend in the channel) approximately 250 feet landward of Green Buoy # 3 and briefly extends into the left inside quarter before ending about 1,580 feet landward of said buoy.